COS-822
(ATOF – 30010)

EXHIBIT A

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1. (Amended) A heat-seal polymer film comprising a layer of film formed from a [metallocene-catalyzed isotactic] random copolymer of propylene and ethylene prepared using a metallocene catalyst useful in the polymerization of isotactic polypropylene and without other non-metallocene-catalyzed random copolymers [at least one other C_2 to C_8 alpha olefin].

2. (Amended) The heat-seal polymer film of claim 1, wherein the [at least one other C_2 to C_8 alpha olefin] ethylene is present in the random copolymer in an amount of from about 0.5 % to about 30 % by weight.

3. (Amended) The heat-seal polymer film of claim 1, wherein the [at least one other C_2 to C_8 alpha olefin] ethylene is present in the random copolymer in an amount of from about 1% to about 15% by weight.

5. (Amended) The heat-seal polymer film of claim 1, wherein the random copolymer has a DSC melting point temperature of less that about [150°C] 125° C.

11. (Amended) The heat-seal polymer film of claim 1, wherein the [at least one other C_2 to C_8 alpha olefin is ethylene] random copolymer has a DSC melting point temperature from about 110° C to about 125° C.

12. (Amended) The heat-seal polymer film of claim 1, wherein the random copolymer is a random terpolymer [and the] of propylene, ethylene and at least one other [C_2] C_4 to C_8 alpha olefin [is ethylene and butene].

13. (Amended) The heat-seal polymer film of claim [1] 12, wherein the at least one other [C_2] C_4 to C_8 alpha olefin is butene.

14. (Amended) The heat-seal polymer film of claim 1, wherein the heat-seal film has an ultimate seal strength that is at least 30% greater than a heat-seal film prepared under similar conditions from a [Ziegler-Natta-catalyzed isotactic] random copolymer of propylene and ethylene using a Ziegler-Natta catalyst useful in the polymerization of isotactic polypropylene [the at least one other C_2 to C_8 alpha olefin].

16. (Amended) A multi-layer polymer film comprising a polyolefin core layer and at least one heat-seal layer formed from a [metallocene-catalyzed isotactic] random copolymer of propylene and ethylene prepared using a metallocene catalyst useful in the polymerization of isotactic polypropylene and without other non-metallocene-catalyzed random copolymers [at least one other C_2 to C_8 alpha olefin] that is joined to the polyolefin core layer.

20. (Amended) The multi-layer polymer film of claim 16, wherein the ethylene [at least one other C_2 to C_8 alpha olefin] is present in the random copolymer in an amount from about 0.5 % to about 30% by weight.

21. (Amended) The multi-layer polymer film of claim 16, wherein the ethylene [at least one other C_2 to C_8 alpha olefin] is present in the random copolymer in an amount from about 1% to about 15% by weight.

23. (Amended) The multi-layer polymer film of claim 16, wherein the random copolymer of the heat-seal layer has a DSC melting point temperature of less that about [150°C] 125° C.

24. (Amended) The multi-layer polymer film of claim 16, wherein the heat-seal layer provides an ultimate seal strength that is at least 30% greater than a heat-seal layer prepared under similar conditions from a [Ziegler-Natta-catalyzed isotactic] random copolymer of propylene and ethylene using a Ziegler-Natta catalyst useful in the polymerization of isotactic polypropylene [the at least one other C_2 to C_8 alpha olefin].

25. (Amended) The multi-layer polymer film of claim 16, wherein the [at least one other C_2 to C_8 alpha olefin is ethylene] random copolymer has a DSC melting point of from about 110°C to about 125°C.

26. (Amended) The multi-layer polymer film of claim 16, wherein the random copolymer is a random terpolymer [and the] of propylene, ethylene and at least one other [C_2] C_4 to C_8 alpha olefin [is ethylene and butene].

27. (Amended) The multi-layer polymer film of claim [16] 26, wherein the at least one other [C_2] C_4 to C_8 alpha olefin is butene.

29. (Amended) A material for use in heat-seal applications comprising a [metallocene-catalyzed isotactic] random copolymer of propylene and ethylene prepared using a metallocene catalyst useful in the polymerization of isotactic polypolypropylene and without other non-metallocene-catalyzed random copolymers [at least one other C_2 to C_8 alpha olefin].

30. (Amended) The material of claim 29, wherein the material provides a heat-seal film having an ultimate seal strength that is at least 30% greater than a heat-seal film prepared under similar conditions from a [Ziegler-Natta-catalyzed isotactic random] copolymer of propylene and ethylene using a Ziegler-Natta catalyst useful in the polymerization of isotactic polypropylene [the at least one other C_2 to C_8 alpha olefin].

31. (Amended) The material of claim 29, wherein the ethylene [at least one other C_2 to C_8 alpha olefin] is present in the random copolymer in an amount of from about 0.5 % to about 30 % by weight.

32. (Amended) The material of claim 29, wherein the ethylene [at least one other C_2 to C_8 alpha olefin] is present in the random copolymer in an amount of from about 1% to about 15% by weight.

34. (Amended) The material of claim 29, wherein the random copolymer has a DSC melting point temperature of less that about [150°C] 125° C.

38. (Amended) The material of claim 29, wherein the [at least one other C_2 to C_8 alpha olefin is ethylene] random copolymer has a DSC melting point of from about 110°C to about 125°C.

39. (Amended) The material of claim 29, wherein the random copolymer is a random terpolymer [and the] of propylene, ethylene and at least one other [C_2] C_4 to C_8 alpha olefin [is ethylene and butene].

40. (Amended) The material of claim [29] 39, wherein the at least one other [C_2] C_4 to C_8 alpha olefin is butene.

42. (Amended) A method of forming a heat-seal film comprising:

providing a [metallocene-catalyzed isotactic] random copolymer of propylene and ethylene prepared using a metallocene catalyst useful in the polymerization of isotactic polypropylene without other non-metallocene-catalyzed random copolymers [at least one other C_2 to C_8 alpha olefin]; and

forming the random copolymer into a layer of film.